

50X1-HUM

REPORT

CD NO.

DATE DISTR. 13 September 1950

COUNTRY Rumania

SUBJECT Refineries and Pumping
Palas Near Constanta

NO. OF PAGES 3

PLACE
ACQUIRED

NO. OF ENCLS.
(LISTED BELOW)

DATE OF INFO.

PPLEMENT TO
PORT NO.

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1. Engineer Ion Constantinescu has been working with pipelines for 25 years is the manager of the plant and is assisted by chemical engineer Constantin Radulescu, and chemical engineer Vasile Varbulescu. In addition to these men, about 40 officials, largely administrative and technical personnel, and about 100 workers are employed by the station.

2. The plant is adjacent to the Palas railroad station, the last station before Constanta, at a distance of about 3 miles from Constanta, on the Bucharest-Constanta railroad line. At this large railroad station the railroad line is divided into a northern branch leading to the main railroad station at Constanta and a southern branch leading to the port of Constanta. Immediately east of the railroad station, there are several tanks which previously belonged to the Concordia, Steaua Romana, Columbia, Olex, Franco-Romana and Creditul Minier companies and, although nationalized, are still designated by the old company names. The main entrance of the pumping station is on the north side, leading in from the Cernavoda-Constanta national highway, alongside which runs the Ploesti-Constanta pipeline. To the west, the south, and the east, the station area is fenced-off by planking 11 and one-half feet high. The pumping station including buildings and accessory installations covers an area about 3,300 feet by 2,600 feet.

3. 50X1-HUM
- a. Boilerhouse No. 1, located in the southwestern corner of the area, 330 feet east of the warehouse of the Palas railroad station, immediately east of the railroad station signal box. It is a concrete structure of about 52 feet by 49 feet by 23 feet, erected between 1947 and 1948. It is equipped with Cornwall boilers supplied by the Soviet Union in the spring of 1947 which generated 11-atmosphere steam. Heating oil stored in a small 300 cubic meter tank immediately east of the boilerhouse is used as fuel.
- b. Boilerhouse No. 2 and workshop: This building is located about 260 feet east of boilerhouse No.1. It is a concrete structure erected between 1947 and 1948, of about 80 feet by 50 feet by 25 feet. The western half of the building is used as a boilerhouse which is equipped with two 11-atmosphere boilers supplied by the Soviet Union 50X1-HUM
in the spring of 1947. Heating oil stored in a small 300 cubic meter tank immediately west of the boilerhouse serves as fuel. The eastern 50X1-HUM

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part of the building contains a mechanical and electrical repair shop. The steam generated in the boilerhouses Numbers 1 and 2 is required for operating the refinery and for heating the pipeline.

- c. Pumphouse No. 1 is located 65 feet north of boilerhouse Number 1, and is an old brick structure of about 47 feet by 23 feet by 20 feet equipped with three steam-operated 5-atmosphere piston pumps of the Worthington type.
- d. Pumphouse No. 2 is situated 65 feet east of pumphouse Number 1. It is an old, one story brick building, 40 feet by 23 feet by 20 feet, equipped with two obsolete 30-atmosphere centrifugal pumps of the Gould-Triplex type, with electric motors attached.
- e. Pumphouse No. 3 is situated 65 feet east of pumphouse Number 2. It is a one-story concrete structure, about 60 feet by 25 feet by 23 feet, which was constructed during 1947-1948 and is equipped with four 50-atmosphere steam-operated piston pumps of the Worthington type supplied by the Soviet Union in 1947. The total rate of production of these three pumphouses is 12,000 cubic meters per 24 hours.
- f. The administrative building is located northeast of pumphouse Number 3, about 500 feet south of the Cernavoda-Constanta national highway. It is an old two-story brick building about 130 feet by 40 feet by 52 feet. The refinery management, the pay-office and the bookkeeper's office are on the first floor, the pipe-line management on the second and the technical office of the refinery and the pipeline on the third.
- g. A building of the refinery is located about 330 feet south of the Cernavoda-Constanta national highway and 115 to 130 feet east of the administrative building. It is a one-story concrete building erected in 1947 and 1948, about 26 feet by 50 feet by 25 feet in size.
- h. Another building of the refinery is located from 50 to 65 feet south of the building described in paragraphs f and g. It is a concrete structure of 26 feet by 40 feet by 25 feet erected in 1947.
- i. There are several groups of storage tanks at the station. The north-west half of the area is totally covered by the first group, which consists of twenty-six 5,000 cubic meter capacity tanks. They are arranged in four rows (running in north-south direction) of 6 tanks each. Another two tanks are situated north of the administrative building. The space between the individual rows is about 110 feet, the tanks of a row being about 80 feet apart. All these tanks are obsolete and were built before World War II.
- j. Another group of ten 1,200 cubic meter tanks is situated about 80 feet south of the building described in paragraph h and extends as far as the railroad line leading to the Constanta railroad station. These tanks too are installed at 80 feet intervals and are obsolete.
- k. Another group of four recently-installed 1,200 cubic meter tanks arranged at 165 feet intervals is located in the triangle formed by the two railroad lines leading from Palas to the Constanta railroad terminal and to the Constanta port area.

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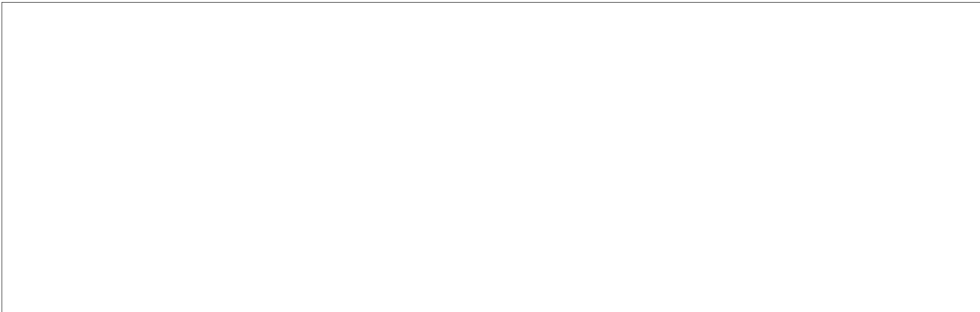
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1. Four 160 feet loading platforms are located at the pumping station. Thirty railroad tank cars can simultaneously be loaded or unloaded at each platform. Three railroad spur tracks are also located here.



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